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(54)INK JET RECORDING SHEET

(57)Abstract:

PURPOSE: To enhance ink absorbability and the density or sharpness of an image by forming a support from a nonwoven fabric and forming an ink receiving layer from ultra-fine particulate inorg. pigment and a binder and specifying the Fragiell air permeability of a recording sheet.

CONSTITUTION: An ink jet recording sheet is constituted by applying an ink receiving layer to a support. In this case, the support is formed from a nonwoven fabric. The ink receiving layer is formed mainly from

ultra-fine particulate inorg. pigment with a primary particle size of 100nm or less and a binder. The Fragiell air permeability prescribed in JIS L1096 of the recording sheet is set to 100cm³/cm².sec or less. The ultra-fine particulate inorg. pigment is composed of needle like or fibrous non-spherical cationic colloidal silica and the nonwoven fabric is composed of a wet nonwoven fabric. By this constitution, the ink jet recording sheet generating no exudation irregularity of ink, excellent in ink absorbability and forming an image enhanced in density or sharpness is obtained.

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